



PTO/SB/08a (01-08)

Approved for use through 06/30/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 01

of 04

Complete if Known

Application Number	09/480,837
Filing Date	January 10, 2000
First Named Inventor	Stephan GEHRING
Art Unit	2616
Examiner Name	Chirag G. Shah
Attorney Docket Number	00041

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,425,549	01-1984	Schwartz et al.	
		US- 4,500,887	02-1985	Nester	
		US- 4,594,706	06-1986	Kobayashi	
		US- 4,700,019	10-13-1987	Kerschner et al.	
		US- 4,843,403	06-1989	Lalezari et al.	
		US- 4,853,704	08-1989	Diaz et al.	
		US- 4,855,749	08-1989	DeFonzo	
		US- 4,905,234	02-27-1990	CHILDRESS ET AL.	
		US- 4,978,965	12-1990	Mohuchy	
		US- 5,081,466	01-1992	Bitter, Jr.	
		US- 5,142,255	08-1992	Chang et al.	
		US- 5,243,653	09-1993	Malek et al.	
		US- 5,264,860	11-1993	Quan	
		US- 5,280,498	01-18-1994	TYMES ET AL.	
		US- 5,295,140	03-15-1994	CRISLER ET AL.	
		US- 5,297,144	03-22-1994	GILBERT ET AL.	
		US- 5,469,174	11-1995	McCorkle	
		US- 5,509,049	04-16-1996	PETERSON	
		US- 5,515,366	05-07-1996	Chieu	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		EP 0 288 904	04-21-1988	Labedz		
		EP 0 475 682	09-05-1991	Kammerman		
		EP 0 750 284	12-27-1996	Gitlin		
		EP 0 752 764	06-18-1996	Olsen		
		WO 95/35002	12-21-1995	Blakenely		
		WO 98/00993	1/8/1998	Isberg		

Examiner
Signature

/Kerri Rose/

Date
Considered

09/23/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KMR/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 4

Complete if Known

Application Number	09/480,837
Filing Date	January 10, 2000
First Named Inventor	Stephan GEHRING
Art Unit	2616
Examiner Name	Chirag G. Shah
Attorney Docket Number	00041

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,519,408	05-1996	Schnetzer	
		US- 5,550,848	08-27-1996	DOSHI ET AL.	
		US- 5,572,546	11-05-1996	SERFATY ET AL.	
		US- 5,638,371	06-1997	Raychaudhuri et al.	
		US- 5,683,432	11-1997	Goedeke et al.	
		US- 5,684,791	11-1997	Raychaudhuri et al.	
		US- 5,699,532	12-16-1997	BARRETT ET AL.	
		US- 5,729,541	03-17-1998	HAMALAINEN ET AL.	
		US- 5,734,646	03-31-1998	IET AL.	
		US- 5,740,542	04-14-1998	LEEPER ET AL.	
		US- 5,748,153	05-1998	McKinzie, III et al.	
		US- 5,787,080	07-28-1998	Hulyalkar et al.	
		US- 5,878,277	03-1999	OHTA	
		US- 5,889,771	03-30-1999	ALTVATER	
		US- 5,905,442	05-18-1999	MOSEBROOK ET AL.	
		US- 5,907,544	05-25-1999	Rypinski	
		US- 5,922,047	07-13-1999	Newlin et al.	
		US- 5,956,487	09-21-1999	Venkatraman et al.	
		US- 5,966,376	10-12-1999	Rakib et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 98/24250	06-04-1998	Turina		
		WO 98/27667	06-25-1998	Satyanarayana		
		WO 98/27747	06-25-1998	Hulyalkar		
		WO 98/33347	07-30-1998	Pentikainen		
		GB 2281662	03-08-1995	Raquetnet et al.		
		GB 2320162	06-10-1998	Philip		

Examiner
Signature

/Kerri Rose/

Date
Considered

09/23/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KMR/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/480,837
Filing Date	January 10, 2000
First Named Inventor	Stephan GEHRING
Art Unit	2616
Examiner Name	Chirag G. Shah
Attorney Docket Number	00041

Sheet **3** of **4****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,987,590	11-16-1999	WING SO	
		US- 6,003,070	12-14-1999	FRANTZ	
		US- 6,016,311	01-18-2000	GILBERT ET AL.	
		US- 6,016,322	01-18-2000	GOLDMAN	
		US- 6,075,826	06-2000	Sayegh	
		US- 6,449,291	09-2002	Burns et al.	
		US- 6,700,939	12-11-1998	McCorkle	
		US- 6,711,177	03-23-2004	Young	
		US- 6,778,557	08-2004	Yuki et al.	
		US- 6,970,448	11-29-2005	Sparrell et al.	
		US- 7,023,833	04-2006	Aiello et al.	
		US- 7,031,294	04-2006	Aiello et al.	
		US- 7,088,795	08-2006	Aiello et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

/Kerri Rose/

Date
Considered

09/23/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 / 1-800-786-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KMR/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/480,837
Filing Date	January 10, 2000
First Named Inventor	Stephan GEHRING
Art Unit	2616
Examiner Name	Chirag G. Shah
Attorney Docket Number	00041

Sheet 04

of 04

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KHUN-JUSH et al., HIPERLAN type 2 for broadband wireless communication, Ericsson Review No. 2, 2000, pgs. 108-119.	
		Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, LAN MAN Standards Committee of IEEE Computer Society, IEEE Std. 802.11, June 26, 1997.	
		Broadband Radio Access Networks (BRAN) HIPERLAN Type 2, ETSITR 101 683 VI.I.I., European Telecommunications Standards Institute, France, 2000.	
		Broadband Radio Access Networks (BRAN) HIPERLAN Type 2, Physical (PHY) Layer, ETSITR 101 475 VI.I.I., European Telecommunications Standards Institute, France, 2000.	
		Federal Communications Commission Regulations § 15.247 "Operation with the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz."	
		KARDACH, "Bluetooth Architecture Review, PowerPoint, 3/18/1999.	
		KARDACH, "Bluetooth Architecture Review, Intel Technology Journal, Q2, 2000.	

/Keri Rose/

09/23/2008

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KMR/

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/480,837
Filing Date	January 10, 2000
First Named Inventor	Stephan GEHRING
Art Unit	2616
Examiner Name	Chirag G. Shah
Attorney Docket Number	00041

Sheet 01

of 04

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,425,549	01-1984	Schwartz et al.	
		US- 4,500,887	02-1985	Nester	
		US- 4,594,706	06-1986	Kobayashi	
		US- 4,700,019	10-13-1987	Kerschner et al.	
		US- 4,843,403	06-1989	Lalezari et al.	
		US- 4,853,704	08-1989	Diaz et al.	
		US- 4,855,749	08-1989	DeFonzo	
		US- 4,905,234	02-27-1990	CHILDRESS ET AL.	
		US- 4,978,965	12-1990	Mohuchy	
		US- 5,081,466	01-1992	Bitter, Jr.	
		US- 5,142,255	08-1992	Chang et al.	
		US- 5,243,653	09-1993	Malek et al.	
		US- 5,264,860	11-1993	Quan	
		US- 5,280,498	01-18-1994	TYMES ET AL.	
		US- 5,295,140	03-15-1994	CRISLER ET AL.	
		US- 5,297,144	03-22-1994	GILBERT ET AL.	
		US- 5,469,174	11-1995	McCorkle	
		US- 5,509,049	04-16-1996	PETERSON	
		US- 5,515,366	05-07-1996	Chieu	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0 288 904	04-21-1988	Labadz		
		EP 0 475 682	09-05-1991	Kamerman		
		EP 0 750 284	12-27-1996	Gitlin		
		EP 0 752 764	06-18-1996	Olsen		
		WO 95/35002	12-21-1995	Blakenely		
		WO 98/00993	1/8/1998	Isberg		

Examiner
Signature

/Kerri Rose/

Date
Considered

09/23/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KMR/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2**of **4****Complete if Known**

Application Number	09/480,837
Filing Date	January 10, 2000
First Named Inventor	Stephan GEHRING
Art Unit	2616
Examiner Name	Chirag G. Shah
Attorney Docket Number	00041

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,519,408	05-1996	Schnetzer	
		US- 5,550,848	08-27-1996	DOSHI ET AL.	
		US- 5,572,546	11-05-1996	SERFATY ET AL.	
		US- 5,638,371	06-1997	Raychaudhuri et al.	
		US- 5,683,432	11-1997	Goedeke et al.	
		US- 5,684,791	11-1997	Raychaudhuri et al.	
		US- 5,699,532	12-16-1997	BARRETT ET AL.	
		US- 5,729,541	03-17-1998	HAMALAINEN ET AL.	
		US- 5,734,646	03-31-1998	I ET AL.	
		US- 5,740,542	04-14-1998	LEEPER ET AL.	
		US- 5,748,153	05-1998	McKinzie, III et al.	
		US- 5,787,080	07-28-1998	Hulyalkar et al.	
		US- 5,878,277	03-1999	OHTA	
		US- 5,889,771	03-30-1999	ALTVATER	
		US- 5,905,442	05-18-1999	MOSEBROOK ET AL.	
		US- 5,907,544	05-25-1999	Rypinski	
		US- 5,922,047	07-13-1999	Newlin et al.	
		US- 5,956,487	09-21-1999	Venkatraman et al.	
		US- 5,966,376	10-12-1999	Rakib et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 98/24250	06-04-1998	Turina		
		WO 98/27667	06-25-1998	Satyanarayana		
		WO 98/27747	06-25-1998	Hulyalkar		
		WO 98/33347	07-30-1998	Pentikainen		
		GB 2281662	03-08-1995	Raquetnet et al.		
		GB 2320162	06-10-1998	Philip		

Examiner
Signature

/Korri Dosa/

Date
Considered

09/23/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KMR/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 4

Complete if Known

Application Number	09/480,837
Filing Date	January 10, 2000
First Named Inventor	Stephan GEHRING
Art Unit	2616
Examiner Name	Chirag G. Shah
Attorney Docket Number	00041

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,987,590	11-16-1999	WING SO	
		US- 6,003,070	12-14-1999	FRANTZ	
		US- 6,016,311	01-18-2000	GILBERT ET AL.	
		US- 6,016,322	01-18-2000	GOLDMAN	
		US- 6,075,826	06-2000	Sayegh	
		US- 6,449,291	09-2002	Burns et al.	
		US- 6,700,939	12-11-1998	McCorkle	
		US- 6,711,177	03-23-2004	Young	
		US- 6,778,557	08-2004	Yuki et al.	
		US- 6,970,448	11-29-2005	Sparrell et al.	
		US- 7,023,833	04-2006	Aiello et al.	
		US- 7,031,294	04-2006	Aiello et al.	
		US- 7,088,795	08-2006	Aiello et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

/Kerri Rose/

Date
Considered

09/23/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KMR/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/480,837
		Filing Date	January 10, 2000
		First Named Inventor	Stephan GEHRING
		Art Unit	2616
Examiner Name	Chirag G. Shah		
Attorney Docket Number	00041		
Sheet	04	of	04

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KHUN-JUSH et al., HIPERLAN type 2 for broadband wireless communication, Ericsson Review No. 2, 2000, pgs. 108-119.	
		Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, LAN MAN Standards Committee of IEEE Computer Society, IEEE Std. 802.11, June 26, 1997.	
		Broadband Radio Access Networks (BRAN) HIPERLAN Type 2, ETSITR 101 683 V1.1.1., European Telecommunications Standards Institute, France, 2000.	
		Broadband Radio Access Networks (BRAN) HIPERLAN Type 2, Physical (PHY) Layer, ETSITR 101 475 V1.1.1., European Telecommunications Standards Institute, France, 2000.	
		Federal Communications Commission Regulations § 15.247 "Operation with the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz."	
		KARDACH, "Bluetooth Architecture Review, PowerPoint, 3/18/1999.	
		KARDACH, "Bluetooth Architecture Review, Intel Technology Journal, Q2, 2000.	

Examiner Signature	/Kerri Rose/	Date Considered	09/23/2008
--------------------	--------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. ~~AMR~~
 If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.